

Antonio Di Bartolomeo

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151
papers

5,107
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38
h-index

68
g-index

171
ext. papers

6,263
ext. citations

4
avg, IF

6.28
L-index

#	Paper	IF	Citations
151	The ALICE experiment at the CERN LHC. <i>Journal of Instrumentation</i> , 2008 , 3, S08002-S08002	1	517
150	ALICE: Physics Performance Report, Volume II. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2006 , 32, 1295-2040	2.9	386
149	Graphene Schottky diodes: An experimental review of the rectifying graphene/semiconductor heterojunction. <i>Physics Reports</i> , 2016 , 606, 1-58	27.7	344
148	Effect of functionalization on the thermo-mechanical and electrical behavior of multi-wall carbon nanotube/epoxy composites. <i>Carbon</i> , 2011 , 49, 1919-1930	10.4	204
147	The CHORUS experiment to search for μ oscillation. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1997 , 401, 7-44	1.2	166
146	Hysteresis in the transfer characteristics of MoS ₂ transistors. <i>2D Materials</i> , 2018 , 5, 015014	5.9	153
145	Electrical transport and persistent photoconductivity in monolayer MoS ₂ phototransistors. <i>Nanotechnology</i> , 2017 , 28, 214002	3.4	133
144	The role of contact resistance in graphene field-effect devices. <i>Progress in Surface Science</i> , 2017 , 92, 1436175	1.5	130
143	Asymmetric Schottky Contacts in Bilayer MoS ₂ Field Effect Transistors. <i>Advanced Functional Materials</i> , 2018 , 28, 1800657	15.6	119
142	Incorporation of carbon nanotubes into polyethylene by high energy ball milling: Morphology and physical properties. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007 , 45, 597-606	2.6	117
141	Hybrid graphene/silicon Schottky photodiode with intrinsic gating effect. <i>2D Materials</i> , 2017 , 4, 025075	5.9	104
140	Tunable Schottky barrier and high responsivity in graphene/Si-nanotip optoelectronic device. <i>2D Materials</i> , 2017 , 4, 015024	5.9	100
139	Multiwalled carbon nanotube films as small-sized temperature sensors. <i>Journal of Applied Physics</i> , 2009 , 105, 064518	2.5	84
138	Field emission from single and few-layer graphene flakes. <i>Applied Physics Letters</i> , 2011 , 98, 163109	3.4	80
137	A local field emission study of partially aligned carbon-nanotubes by atomic force microscope probe. <i>Carbon</i> , 2007 , 45, 2957-2971	10.4	75
136	Field Emission from Carbon Nanostructures. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 526	2.6	74
135	A WSe vertical field emission transistor. <i>Nanoscale</i> , 2019 , 11, 1538-1548	7.7	72

134	Leakage and field emission in side-gate graphene field effect transistors. <i>Applied Physics Letters</i> , 2016 , 109, 023510	3.4	70
133	Pressure-Tunable Ambipolar Conduction and Hysteresis in Thin Palladium Diselenide Field Effect Transistors. <i>Advanced Functional Materials</i> , 2019 , 29, 1902483	15.6	65
132	Graphene field effect transistors with niobium contacts and asymmetric transfer characteristics. <i>Nanotechnology</i> , 2015 , 26, 475202	3.4	64
131	ZnFe ₂ O ₄ nanorods on reduced graphene oxide as advanced supercapacitor electrodes. <i>Journal of Alloys and Compounds</i> , 2021 , 860, 158497	5.7	59
130	Transport and Field Emission Properties of MoS ₂ Bilayers. <i>Nanomaterials</i> , 2018 , 8,	5.4	57
129	Graphene/Silicon Schottky Diodes for Photodetection. <i>IEEE Nanotechnology Magazine</i> , 2018 , 17, 1133-1137	13.6	56
128	Charge transfer and partial pinning at the contacts as the origin of a double dip in the transfer characteristics of graphene-based field-effect transistors. <i>Nanotechnology</i> , 2011 , 22, 275702	3.4	55
127	Field emission from a selected multiwall carbon nanotube. <i>Nanotechnology</i> , 2008 , 19, 395701	3.4	55
126	Latest results on the performance of the multigap resistive plate chamber used for the ALICE TOF. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 533, 74-78	1.2	55
125	Effect of back-gate on contact resistance and on channel conductance in graphene-based field-effect transistors. <i>Diamond and Related Materials</i> , 2013 , 38, 19-23	3.5	53
124	I-V and C-V Characterization of a High-Responsivity Graphene/Silicon Photodiode with Embedded MOS Capacitor. <i>Nanomaterials</i> , 2017 , 7,	5.4	50
123	Gas dependent hysteresis in MoS ₂ field effect transistors. <i>2D Materials</i> , 2019 , 6, 045049	5.9	47
122	Electrical properties and memory effects of field-effect transistors from networks of single- and double-walled carbon nanotubes. <i>Nanotechnology</i> , 2010 , 21, 115204	3.4	47
121	Record Endurance for Single-Walled Carbon Nanotube-Based Memory Cell. <i>Nanoscale Research Letters</i> , 2010 , 5, 1852-1855	5	44
120	Electronic properties of graphene/p-silicon Schottky junction. <i>Journal Physics D: Applied Physics</i> , 2018 , 51, 255305	3	44
119	Local probing of the field emission stability of vertically aligned multi-walled carbon nanotubes. <i>Carbon</i> , 2009 , 47, 1074-1080	10.4	43
118	Observation of field emission from GeSn nanoparticles epitaxially grown on silicon nanopillar arrays. <i>Nanotechnology</i> , 2016 , 27, 485707	3.4	42
117	Field emission properties of as-grown multiwalled carbon nanotube films. <i>Carbon</i> , 2012 , 50, 163-169	10.4	41

116	A search for β -oscillation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 424, 202-212	4.2	38
115	Effect of Electron Irradiation on the Transport and Field Emission Properties of Few-Layer MoS ₂ Field-Effect Transistors. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 1454-1461	3.8	38
114	Environmental Effects on the Electrical Characteristics of Back-Gated WSe ₂ Field-Effect Transistors. <i>Nanomaterials</i> , 2018 , 8,	5.4	38
113	Field Emission in Ultrathin PdSe ₂ Back-Gated Transistors. <i>Advanced Electronic Materials</i> , 2020 , 6, 2000094	4.4	35
112	Effect of temperature and morphology on the electrical properties of PET/conductive nanofillers composites. <i>Composites Part B: Engineering</i> , 2018 , 135, 149-154	10	34
111	A single-poly EEPROM cell for embedded memory applications. <i>Solid-State Electronics</i> , 2009 , 53, 644-648	1.7	34
110	Search for β -oscillation using the β -decay modes into a single charged particle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 434, 205-213	4.2	34
109	Graphene enhanced field emission from InP nanocrystals. <i>Nanotechnology</i> , 2017 , 28, 495705	3.4	33
108	Design aspects and prototype test of a very precise TDC system implemented for the Multigap RPC of the ALICE-TOF. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 533, 178-182	1.2	33
107	Field Emission from Self-Catalyzed GaAs Nanowires. <i>Nanomaterials</i> , 2017 , 7,	5.4	29
106	Automatic analysis of digitized TV-images by a computer-driven optical microscope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1997 , 394, 357-367	1.2	29
105	Contact resistance and mobility in back-gate graphene transistors. <i>Nano Express</i> , 2020 , 1, 010001	2	28
104	A study of the multigap RPC at the gamma irradiation facility at CERN. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 490, 58-70	1.2	27
103	Transport and field emission properties of buckypapers obtained from aligned carbon nanotubes. <i>Journal of Materials Science</i> , 2017 , 52, 6459-6468	4.3	26
102	Field Emission Characterization of MoS ₂ Nanoflowers. <i>Nanomaterials</i> , 2019 , 9,	5.4	24
101	High field-emission current density from BiGa ₂ O ₃ nanopillars. <i>Applied Physics Letters</i> , 2019 , 114, 193101	3.4	23
100	NiO-Co ₃ O ₄ -rGO as an Efficient Electrode Material for Supercapacitors and Direct Alcoholic Fuel Cells. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2100149	4.6	23
99	Green synthesis of CuO- and CuO-NPs in assistance with high-gravity: The flowering of nanobiotechnology. <i>Nanotechnology</i> , 2020 , 31, 425101	3.4	22

98	Observation of 2D Conduction in Ultrathin Germanium Arsenide Field-Effect Transistors. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 12998-13004	9.5	22
97	Screen-Printed Electrode Surface Modification with NiCoO/RGO Nanocomposite for Hydroxylamine Detection.. <i>Nanomaterials</i> , 2021 , 11,	5.4	22
96	Bias Tunable Photocurrent in Metal-Insulator-Semiconductor Heterostructures with Photoresponse Enhanced by Carbon Nanotubes. <i>Nanomaterials</i> , 2019 , 9,	5.4	20
95	Hierarchical nanostructures of MgCo ₂ O ₄ on reduced graphene oxide as a high-performance catalyst for methanol electro-oxidation. <i>Ceramics International</i> , 2021 , 47, 16079-16085	5.1	20
94	Influence of multiwall carbon nanotubes on morphological and structural changes during UV irradiation of syndiotactic polypropylene films. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2012 , 50, 963-975	2.6	19
93	Surface ablation by excimer laser irradiation of Ti and Ti6Al4V alloy. <i>Applied Physics A: Materials Science and Processing</i> , 1996 , 63, 385-389	2.6	19
92	Contact Resistance and Channel Conductance of Graphene Field-Effect Transistors under Low-Energy Electron Irradiation. <i>Nanomaterials</i> , 2016 , 6,	5.4	19
91	Observation of neutrino induced diffractive Ds*+ production and subsequent decay Ds*+ → Ds+ + π ⁰ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 435, 458-464	4.2	18
90	Electron Irradiation of Metal Contacts in Monolayer MoS Field-Effect Transistors. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 40532-40540	9.5	18
89	Ionic Liquid as Dispersing Agent of LDH-Carbon Nanotubes into a Biodegradable Vinyl Alcohol Polymer. <i>Polymers</i> , 2020 , 12,	4.5	17
88	Transfer characteristics and contact resistance in Ni- and Ti-contacted graphene-based field-effect transistors. <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 155303	1.8	17
87	Study of gas mixtures and ageing of the multigap resistive plate chamber used for the Alice TOF. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 533, 93-97	1.2	17
86	Electrochemical Sensor Based on ZnFeO/RGO Nanocomposite for Ultrasensitive Detection of Hydrazine in Real Samples.. <i>Nanomaterials</i> , 2022 , 12,	5.4	17
85	A modified Schottky model for graphene-semiconductor (3D/2D) contact: A combined theoretical and experimental study 2016 ,		17
84	Selective Epitaxy of InP on Si and Rectification in Graphene/InP/Si Hybrid Structure. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 26948-26955	9.5	16
83	Electron irradiation of multilayer [Formula: see text] field effect transistors. <i>Nanotechnology</i> , 2020 , 31, 375204	3.4	16
82	WS Nanotubes: Electrical Conduction and Field Emission Under Electron Irradiation and Mechanical Stress. <i>Small</i> , 2020 , 16, e2002880	11	16
81	Results from a large sample of MRPC-strip prototypes for the ALICE TOF detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 532, 611-621	1.2	15

80	Isotropic conduction and negative photoconduction in ultrathin PtSe ₂ films. <i>Applied Physics Letters</i> , 2020 , 117, 193102	3-4	15
79	Enhanced electrochemical performance of MnNiO/rGO nanocomposite as pseudocapacitor electrode material and methanol electro-oxidation catalyst. <i>Nanotechnology</i> , 2021 , 32,	3-4	15
78	Nanotip Contacts for Electric Transport and Field Emission Characterization of Ultrathin MoS Flakes. <i>Nanomaterials</i> , 2020 , 10,	5-4	14
77	Multi-walled carbon nanotube films for the measurement of the alcoholic concentration. <i>Micro and Nano Letters</i> , 2019 , 14, 304-308	0.9	14
76	Coexistence of Negative and Positive Photoconductivity in Few-Layer PtSe ₂ Field-Effect Transistors. <i>Advanced Functional Materials</i> , 2105722	15.6	14
75	Graphene Schottky Junction on Pillar Patterned Silicon Substrate. <i>Nanomaterials</i> , 2019 , 9,	5-4	12
74	Nanotechnology: A new era for photodetection?. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 610, 1-10	1.2	12
73	Gate-Controlled Field Emission Current from MoS ₂ Nanosheets. <i>Advanced Electronic Materials</i> , 2021 , 7, 2000838	6.4	12
72	Current Modulation of a Heterojunction Structure by an Ultra-Thin Graphene Base Electrode. <i>Materials</i> , 2018 , 11,	3.5	10
71	The MRPC detector for the ALICE Time Of Flight System: Final Design and Performances. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2006 , 158, 60-65		10
70	A Current-Voltage Model for Double Schottky Barrier Devices. <i>Advanced Electronic Materials</i> , 2021 , 7, 2000979	6.4	10
69	Graphene-Silicon Device for Visible and Infrared Photodetection. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 47895-47903	9.5	10
68	Space charge limited current and photoconductive effect in few-layer MoS ₂ . <i>Journal of Physics: Conference Series</i> , 2019 , 1226, 012013	0.3	9
67	Impact of Impurities on the Electrical Conduction of Anisotropic Two-Dimensional Materials. <i>Physical Review Applied</i> , 2020 , 13,	4.3	9
66	Focus on graphene and related materials. <i>Nanotechnology</i> , 2017 , 28, 410201	3-4	9
65	Dosimeter based on silver-nanoparticle precursors for medical applications with linear response over a wide dynamic range. <i>Micro and Nano Letters</i> , 2011 , 6, 759	0.9	9
64	Environmental effects on transport properties of PdSe ₂ field effect transistors. <i>Materials Today: Proceedings</i> , 2020 , 20, 50-53	1.4	9
63	Dependence of electrical properties of polypropylene isomers on morphology and chain conformation. <i>Journal Physics D: Applied Physics</i> , 2009 , 42, 135405	3	8

62	Field Emission Characteristics of InSb Patterned Nanowires. <i>Advanced Electronic Materials</i> , 2020 , 6, 2000402	4.2	8
61	A remarkable three-component RuO ₂ -MnCo ₂ O ₄ /rGO nanocatalyst towards methanol electrooxidation. <i>International Journal of Hydrogen Energy</i> , 2021 ,	6.7	8
60	Operation of the Multigap Resistive Plate Chamber using a gas mixture free of flammable components. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 532, 562-565	1.2	7
59	Field emission from two-dimensional GeAs. <i>Journal Physics D: Applied Physics</i> , 2021 , 54, 105302	3	7
58	Effect of silicon doping on graphene/silicon Schottky photodiodes. <i>Materials Today: Proceedings</i> , 2020 , 20, 82-86	1.4	7
57	Resonant Andreev Spectroscopy in normal-Metal/thin-Ferromagnet/Superconductor Device: Theory and Application. <i>Scientific Reports</i> , 2015 , 5, 17544	4.9	6
56	A tunneling spectroscopy study of the pairing symmetry in the electron-doped Pr(1-x)LaCe(x)CuO(4-y). <i>Journal of Physics Condensed Matter</i> , 2010 , 22, 045702	1.8	6
55	The ALICE time of flight system. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2003 , 125, 193-197		6
54	Structural, electrical and magnetic characterization of artificial ferromagnetic/superconducting (La(0.7)Ca(0.3)MnO(3)/YBa(2)Cu(3)O(7-x)) heterostructures. <i>Journal of Physics Condensed Matter</i> , 2009 , 21, 254205	1.8	5
53	Field emission from AlGaN nanowires with low turn-on field. <i>Nanotechnology</i> , 2020 , 31, 475702	3.4	5
52	Fe ₃ O ₄ @MoS ₂ /rGO Nanocomposite/Ionic Liquid Modified Carbon Paste Electrode for Electrochemical Sensing of Dasatinib in the Presence of Doxorubicin. <i>Industrial & Engineering Chemistry Research</i> ,	3.9	5
51	Effect of impurities on Fabry-Pérot physics of ballistic carbon nanotubes. <i>Physical Review B</i> , 2011 , 84,	3.3	4
50	Quality Assurance procedures for the construction of ALICE TOF detector. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2006 , 158, 78-82		4
49	Particle identification with the ALICE TOF detector at very high particle multiplicity. <i>European Physical Journal C</i> , 2004 , 32, s165-s177	4.2	4
48	Prototype of a cosmic muon detection system based on scintillation counters with MRS APD light readout. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005 , 555, 65-71	1.2	4
47	Thermoresistive Properties of Graphite Platelet Films Supported by Different Substrates. <i>Materials</i> , 2019 , 12,	3.5	4
46	The role of the substrate in Graphene/Silicon photodiodes. <i>Journal of Physics: Conference Series</i> , 2018 , 956, 012019	0.3	4
45	Scattering Theory of Graphene Grain Boundaries. <i>Materials</i> , 2018 , 11,	3.5	4

44	MoS ₂ /Ni ₃ S ₂ /Reduced Graphene Oxide Nanostructure as an Electrocatalyst for Alcohol Fuel Cells. <i>ACS Applied Nano Materials</i> , 2022 , 5, 3361-3373	5.6	4
43	A Comprehensive Review of Metal-Organic Framework: Synthesis, Characterization, and Investigation of Their Application in Electrochemical Biosensors for Biomedical Analysis.. <i>Sensors</i> , 2022 , 22,	3.8	4
42	Application of MnO Nanorod-Ionic Liquid Modified Carbon Paste Electrode for the Voltammetric Determination of Sulfanilamide.. <i>Micromachines</i> , 2022 , 13,	3.3	4
41	Two-dimensional effects in Fowler-Nordheim field emission from transition metal dichalcogenides. <i>Journal of Physics: Conference Series</i> , 2019 , 1226, 012018	0.3	3
40	Probing unconventional pairing in LaO _{0.5} F _{0.5} BiS ₂ layered superconductor by point contact spectroscopy. <i>Journal of Physics and Chemistry of Solids</i> , 2018 , 118, 192-199	3.9	3
39	SYSAL: a new fully automatic system for emulsion scanning. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998 , 409, 471-476	1.2	3
38	Space charge limited avalanche growth in multigap resistive plate chambers. <i>European Physical Journal C</i> , 2004 , 34, s325-s331	4.2	3
37	The CHORUS experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1996 , 48, 183-187		3
36	Green Synthesis of Zeolitic Imidazolate Frameworks: A Review of Their Characterization and Industrial and Medical Applications.. <i>Materials</i> , 2022 , 15,	3.5	3
35	Field emission from mono and two-dimensional nanostructures. <i>Materials Today: Proceedings</i> , 2020 , 20, 64-68	1.4	3
34	Memory effects in black phosphorus field effect transistors. <i>2D Materials</i> , 2022 , 9, 015028	5.9	3
33	NiCo ₂ O ₄ -rGO/Pt as a robust nanocatalyst for sorbitol electrooxidation. <i>International Journal of Energy Research</i> , 2022 , 46, 6745-6754	4.5	3
32	Conduction properties of extended defect states in Dirac materials. <i>European Physical Journal Plus</i> , 2020 , 135, 1	3.1	2
31	Amplification phenomena of Casimir force fluctuations on close scatterers coupled via a coherent fermionic fluid. <i>European Physical Journal B</i> , 2016 , 89, 1	1.2	2
30	Generalized Blonder-Tinkham-Klapwijk theory and conductance spectra with particle-hole mixing interface potential. <i>European Physical Journal B</i> , 2015 , 88, 1	1.2	2
29	Point contact Andreev reflection spectroscopy on ferromagnet/superconductor bilayers. <i>Physica C: Superconductivity and Its Applications</i> , 2014 , 503, 158-161	1.3	2
28	Operation of the multigap resistive plate chamber using a gas mixture free of flammable components. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 531, 515-519	1.2	2
27	Charged-particle multiplicity and transverse energy measured in ³² S central interactions at 200 GeV per nucleon 1995 , 108, 1125-1141		2

26	Easy Fabrication of Performant SWCNT-Si Photodetector. <i>Electronics (Switzerland)</i> , 2022 , 11, 271	2.6	2
25	Electrical Conduction and Photoconduction in PtSe ₂ Ultrathin Films. <i>Materials Proceedings</i> , 2021 , 4, 28	0.3	2
24	Air Pressure, Gas Exposure and Electron Beam Irradiation of 2D Transition Metal Dichalcogenides. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 5840	2.6	2
23	Influence of the Thermomechanical Characteristics of Low-Density Polyethylene Substrates on the Thermoresistive Properties of Graphite Nanoplatelet Coatings. <i>Coatings</i> , 2021 , 11, 332	2.9	2
22	PtSe ₂ phototransistors with negative photoconductivity. <i>Journal of Physics: Conference Series</i> , 2021 , 1866, 012001	0.3	2
21	Characterization of InSb nanopillars for field emission applications. <i>Journal of Physics: Conference Series</i> , 2021 , 1765, 012004	0.3	2
20	Persistent Photoconductivity, Hysteresis and Field Emission in MoS ₂ Back-Gate Field-Effect Transistors 2018 ,		2
19	Study of the pairing symmetry in the electron-doped cuprate by tunneling spectroscopy. <i>Physica C: Superconductivity and Its Applications</i> , 2010 , 470, 922-925	1.3	1
18	Study of QGP signatures with the $\langle \eta - \eta \rangle + K$ signal in Pb-Pb ALICE events. <i>European Physical Journal C</i> , 2006 , 45, 669-677	4.2	1
17	Perturbed Nonlinear Evolution Problems Solved by a Generalized Lie Series Method. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2002 , 3,	1.8	1
16	Graphite platelet films deposited by spray technique on low density polyethylene substrates. <i>Materials Today: Proceedings</i> , 2020 , 20, 87-90	1.4	1
15	Vacuum Gauge from Ultrathin MoS ₂ Transistor. <i>Lecture Notes in Electrical Engineering</i> , 2021 , 45-53	0.2	1
14	Graphite carbon nitride-modified screen-printed electrode as a highly sensitive and selective sensor for detection of amaranth.. <i>Food and Chemical Toxicology</i> , 2022 , 163, 112962	4.7	1
13	Electric Transport in Few-Layer ReSe ₂ Transistors Modulated by Air Pressure and Light. <i>Nanomaterials</i> , 2022 , 12, 1886	5.4	1
12	Field Emission from Graphene Layers. <i>Lecture Notes in Electrical Engineering</i> , 2023 , 213-220	0.2	1
11	Sensors Based on Multiwalled Carbon Nanotubes. <i>Materials Proceedings</i> , 2021 , 4, 59	0.3	0
10	Review Single-Atom Catalysts as Promising Candidates for Single-Atom Catalysts as Promising Candidates for Electrochemical Applications. <i>Journal of the Electrochemical Society</i> , 2022 , 169, 046504	3.9	0
9	Point contact spectroscopy on electron doped Pr _{1-x} La _x CuO _{4-y} . <i>Physica C: Superconductivity and Its Applications</i> , 2010 , 470, S243-S244	1.3	

- 8 Second-Order Nonlinear Cauchy Problems in a Four-Dimensional Space. *Nonlinear Oscillations*, **2003**, 6, 164-168
- 7 Structural and Electrical Properties of Graphite Platelet Films Deposited on Low-Density Polyethylene Substrate. *Materials Proceedings*, **2021**, 4, 38 0.3
- 6 Temperature Dependence of Germanium Arsenide Field-Effect Transistors Electrical Properties. *Materials Proceedings*, **2021**, 4, 26 0.3
- 5 Molybdenum Disulfide Field Effect Transistors under Electron Beam Irradiation and External Electric Fields. *Materials Proceedings*, **2021**, 4, 25 0.3
- 4 Direct Contacting of 2D Nanosheets by Metallic Nanoprobes. *Materials Proceedings*, **2021**, 4, 16 0.3
- 3 Germanium arsenide nanosheets applied as two-dimensional field emitters. *Journal of Physics: Conference Series*, **2021**, 2047, 012021 0.3
- 2 Valley to charge current conversion in graphene linear defects. *Physica E: Low-Dimensional Systems and Nanostructures*, **2021**, 128, 114631 3
- 1 Multiwalled Carbon Nanotubes Films for Sensing Purpose. *Lecture Notes in Electrical Engineering*, **2023**, 98-105 0.2